

## DC-8 02/19/17 - 02/20/17

### Aircraft:

[DC-8](#) ([See full schedule](#))

### Flight Number:

1180

### Payload Configuration:

ATom-2 Configuration - AMP, AO2, ARMAS, ATHOS, CAFE, CAFS, CAPS, CIT-CIMS, COLAS, DLH, GT-CIMS, HR-AMS, ISAF, Medusa, MMS, NOyO3, PALMS, PANTHER, PFP, Picarro, QCLS, SAGA, SP2, TOGA, UCATS, WAS

### Nav Data Collected:

Yes

### Total Flight Time:

7.6 hours

### Submitted by:

Timothy Moes on 02/19/17

### Flight Segments:

<b>From:</b>	BGTL - Thule Air Base	<b>To:</b>	PANC - Anchorage Intn'l
<b>Start:</b>	02/19/17 16:26 Z	<b>Finish:</b>	02/20/17 00:03 Z
<b>Flight Time:</b>	7.6 hours		
<b>Log Number:</b>	<a href="#">178001</a>	<b>PI:</b>	Steven Wofsy
<b>Funding Source:</b>	Jennifer Olson - NASA - SMD - ESD - ESSP Mission Manager		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	Good Flight. This leg was completed between Thule Air Base, Greenland and Anchorage Intn'l. Two of three planned vertical profile maneuvers (VPM) were accomplished. Inability to communicate with Anchorage Arctic FIR prevented us from getting the 3rd VPM. Low approaches were accomplished at Barrow, Dead Horse, and Fairbanks, AK. An MMS maneuver at 7kft was also accomplished. All science instruments performed well and the aircraft arrived in good shape.		

### Flight Hour Summary:

	<b>178001</b>
<b>Flight Hours Approved in SOFRS</b>	106
<b>Total Used</b>	107.1
<b>Total Remaining</b>	-1.1

### 178001 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
<a href="#">01/11/17</a>	1166	Check	1.2	1.2	104.8
<a href="#">01/11/17</a>	1167	Check	3.8	5	101
<a href="#">01/24/17 - 01/25/17</a>	1170	Check	7.2	12.2	93.8
<a href="#">01/26/17 - 01/27/17</a>	1171	Science	10.4	22.6	83.4
<a href="#">01/29/17 - 01/30/17</a>	1172	Science	9.7	32.3	73.7
<a href="#">02/01/17 - 02/02/17</a>	1173	Science	8.2	40.5	65.5
<a href="#">02/03/17 - 02/04/17</a>	1174	Science	9.5	50	56
<a href="#">02/05/17 - 02/06/17</a>	1175	Science	8.6	58.6	47.4
<a href="#">02/10/17 - 02/11/17</a>	1176	Science	9.9	68.5	37.5
<a href="#">02/13/17</a>	1177	Science	9	77.5	28.5
<a href="#">02/15/17</a>	1178	Science	8.7	86.2	19.8
<a href="#">02/18/17</a>	1179	Science	7.5	93.7	12.3
<a href="#">02/19/17 - 02/20/17</a>	1180	Science	7.6	101.3	4.7
<a href="#">02/21/17</a>	1181	Science	5.8	107.1	-1.1

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

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